

SEQUENCE LISTING

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<110> TAKAKURA, Hikaru
MORISHITA, Mio
YAMAMOTO, Katsuhiko
MITTA, Masanori
ASADA, Kiyozo
TSUNASAWA, Susumu
KATO, Ikunoshin
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- <141> 2001-04-24
- <150> 08/894,818
- <151> 1997-08-29
- <150> JP32385/1995
- <151> 1995-12-12
- <150> JP96/03253
- <151> 1996-11-07
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Thr Phe Asp Thr Ser Tyr Asn Asp Leu Asp Leu Tyr Leu Tyr Asp Pro 595 600 605

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235

230

225

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Phe Glu Asn His Arg Glu Lys Glu Ile Ala Val Arg Val Leu Glu Leu 65 70 75 80

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Thr Ala Asp Gly Arg Leu Lys Pro Glu Val Val Ala Pro Gly Val Asp 340 345 350

Ile Ile Ala Pro Arg Ala Ser Gly Thr Ser Met Gly Thr Pro Ile Asn 355 360 365

Asp Tyr Tyr Thr Lys Ala Ser Gly Thr Ser Met Ala Thr Pro His Val 370 380

Ser Gly Val Gly Ala Leu Ile Leu Gln Ala His Pro Ser Trp Thr Pro 385 390 395 400

Asp Lys Val Lys Thr Ala Leu Ile Glu Thr Ala Asp Ile Val Ala Pro 405 410 415

Lys Glu Ile Ala Asp Ile Ala Tyr Gly Ala Gly Arg Val Asn Val Tyr 420 425 430

Lys Ala Ile Lys Tyr Asp Asp Tyr Ala Lys Leu Thr Phe Thr Gly Ser 435 440 445

Val Ala Asp Lys Gly Ser Ala Thr His Thr Phe Asp Val Ser Gly Ala 450 460

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Thr Ala Tyr Tyr Gly Phe Glu Lys Val Gly Tyr Tyr Asn Pro Thr Ala 500 505 510

Gly Thr Trp Thr Val Lys Val Val Ser Tyr Lys Gly Ala Ala Asn Tyr 515 520 525

Gln Val Asp Val Val Ser Asp Gly Ser Leu Ser Gln Ser Gly Gly Gly 530 540

Asn Pro Asn Pro Asn Pro Asn Pro Asn Pro Thr Pro Thr Thr Asp Thr 545 550 555 560

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130 135 140 gag tgg gcc gtt gat aac aaa gat aag tac gga att aag gtc att aat 481 Glu Trp Ala Val Asp Asn Lys Asp Lys Tyr Gly Ile Lys Val Ile Asn 150 155 ctt tct ctt ggt tca agc cag agc tc 507 Leu Ser Leu Gly Ser Ser Gln Ser 165 <210> 27 <211> 30 <212> DNA <213> Artificial Sequence <220> <223> Synthetic <400> 27 tgacactgga attgacgctt ctcatccaga 30 <210> 28 <211> 30 <212> DNA <213> Artificial Sequence <220> <223> Synthetic <400> 28 tctccaagga aaagtaattg ggtgggtaga 30 <210> 29 <211> 30 <212> DNA <213> Artificial Sequence <220> <223> Synthetic <400> 29 gttgccataa cttgagctgc agactcatcc 30 <210> 30 <211> 419 <212> DNA <213> Pyrococcus furiosus <400> 30 tttattaagc ataaaatagc catgcaactt tgatcactaa tgtgcggtgg tgcac atg 58 Met 1 aag ggg ctg aaa gct ctc ata tta gtg att tta gtt cta ggt ttg gta 106 Lys Gly Leu Lys Ala Leu Ile Leu Val Ile Leu Val Leu Gly Leu Val

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Lys Ile Gln Lys Leu Asn Pro Asn Glu Glu Ile Ser Thr Val Ile Val 50 55 60

Phe Glu Asn His Arg Glu Lys Glu Ile Ala Val Arg Val Leu Glu Leu 65 70 75 80

Met Gly Ala Lys Val Arg Tyr Val Tyr His Ile Ile Pro Ala Ile Ala 85 90 95

Ala Asp Leu Lys Val Arg Asp Leu Leu Val Ile Ser Gly Leu Thr Gly 100 105 110

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Lys Ser Asn Gly Glu Lys Lys Tyr Ile Val Gly Phe Lys Gln Thr Met
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- 6 P . - 6

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245

260

Val Ala Ala Ala Gly Asn Glu Gly Thr Ser Gly Ser Ser Ser Thr Val

Gly Tyr Pro Gly Lys Tyr Pro Ser Val Ile Ala Val Gly Ala Val Asp

275

280

285

Ser Ser Asn Gln Arg Ala Ser Phe Ser Ser Val Gly Pro Glu Leu Asp 290 295 300

Val Met Ala Pro Gly Val Ser Ile Gln Ser Thr Leu Pro Gly Asn Lys 305 310 315 320

Tyr Gly Ala Tyr Asn Gly Thr Ser Met Ala Ser Pro His Val Ala Gly 325 330 335

Ala Ala Ala Leu Ile Leu Ser Lys His Pro Asn Trp Thr Asn Thr Gln 340 345 350

Tyr Tyr Gly Lys Gly Leu Ile Asn Val Gln Ala Ala Gln 370 375 380

